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LIST OF DFO-SPONSORED PUBLICATIONS SCIENCE BRANCH - GULF REGION REVISED EDITION

LISTE DES PUBLICATIONS SUBVENTIONNÉES PAR LE MPO DIRECTION DES SCIENCES - RÉGION DU GOLFE ÉDITION REVUE ET CORRIGÉE

1982 - 1991

Christa Bourque and/et Paulette Lévesque

Gulf Fisheries Center
Department of Fisheries and Oceans
P.O.Box 5030
Moncton, N.B. E1C 9B6

Centre des pêches du Golfe
Ministère des pêches et des océans
C.P. 5030
Moncton, N.-B. E1C 9B6

July / juillet 1992

CANADIAN MANUSCRIPT REPORT
FISHERIES AND AQUATIC SCIENCES
NO. 2173

RAPPORT MANUSCRIT CANADIEN
DES SCIENCES HALIEUTIQUES
ET AQUATIQUES
NO. 2173

Pêches et Océans Fisheries and Oceans

Canada

Rapport manuscrit canadien des sciences halieutiques et aquatiques

Les rapports manuscrits contiennent des renseignements scientifiques et techniques qui constituent une contribution aux connaissances actuelles, mais qui traitent de problèmes nationaux ou régionaux. La distribution en est limitée aux organismes et aux personnes de régions particulières du Canada. Il n'y a aucune restriction quant au sujet; de fait, la série reflète la vaste gamme des intérêts et des politiques du ministère des Pêches et des Océans, c'est-à-dire les sciences halieutiques et aquatiques.

Les rapports manuscrits peuvent être cités comme des publications complètes. Le titre exact paraît au-dessus du résumé de chaque rapport. Les rapports manuscrits sont résumés dans la revue *Résumés des sciences aquatiques et halieutiques*, et ils sont classés dans l'index annuel des publications scientifiques et techniques du Ministère.

Les numéros 1 à 900 de cette série ont été publiés à titre de manuscrits (série biologique) de l'Office de biologie du Canada, et après le changement de la désignation de cet organisme par décret du Parlement, en 1937, ont été classés comme manuscrits (série biologique) de l'Office des recherches sur les pêcheries du Canada. Les numéros 901 à 1425 ont été publiés à titre de rapports manuscrits de l'Office des recherches sur les pêcheries du Canada. Les numéros 1426 à 1550 sont parus à titre de rapports manuscrits du Service des pêches et de la mer, ministère des Pêches et de l'Environnement. Le nom actuel de la série a été établi lors de la parution du numéro 1551.

Les rapports manuscrits sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Canadian Manuscript Report of Fisheries and Aquatic Sciences

Manuscript reports contain scientific and technical information that contributes to existing knowledge but which deals with national or regional problems. Distribution is restricted to institutions or individuals located in particular regions of Canada. However, no restriction is placed on subject matter, and the series reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries and aquatic sciences.

Manuscript reports may be cited as full publications. The correct citation appears above the abstract of each report. Each report is abstracted in *Aquatic Sciences and Fisheries Abstracts* and indexed in the Department's annual index to scientific and technical publications.

Numbers 1–900 in this series were issued as Manuscript Reports (Biological Series) of the Biological Board of Canada, and subsequent to 1937 when the name of the Board was changed by Act of Parliament, as Manuscript Reports (Biological Series) of the Fisheries Research Board of Canada. Numbers 901–1425 were issued as Manuscript Reports of the Fisheries Research Board of Canada. Numbers 1426–1550 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Manuscript Reports. The current series name was changed with report number 1551.

Manuscript reports are produced regionally but are numbered nationally. Requests for individual reports will be filled by the issuing establishment listed on the front cover and title page. Out-of-stock reports will be supplied for a fee by commercial agents.

Canadian Manuscript Report of

Fisheries and Aquatic Sciences No.2173

Rapport Manuscrit Canadien des

Sciences Halieutiques et Aquatiques no.2173

July\Juillet 1992

List of DFO-Sponsored Publications Science Branch

Gulf Region

1982-1991

List des publications subventionnées par le MPO

Direction des Sciences

Région du Golfe

1982-1991

Revised Edition/Édition revue et corrigée

compiled by/compilée par

Christa Bourque et Paulette Lévesque

Gulf Fisheries Centre/Centre des pêches du Golfe
Department of Fisheries and Oceans/
Ministère des pêches et des oceans
Moncton, New Brunswick/Nouveau-Brunswick
CANADA E1C 9B6

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ABSTRACT

Bourque, C. and P. Lévesque. (Comp.). 1992. List of DFO-Sponsored Publications Science Branch - Gulf Region 1982-1991 / Liste des publications subventionnées par le MPO direction des sciences - région du golfe 1982-1991. Rev ed./Ed. rev. et corr. Can. Manuscr. Rep. Fish. Aquat. Sci. Rapp. manus. can. sci. halieut. aquat. 2173: i+39p.

The scientific and technical publications of the staff of the Gulf Region, Science Branch, including both reports and reprints of papers published in periodicals and books, are listed.

RÉSUMÉ

Bourque, C. and P. Lévesque. (Comp). 1992. List of DFO-Sponsored Publications Science Branch - Gulf Region 1982-1991 / Liste des publications subventionnées par le MPO direction des sciences - région du golfe 1982-1991. Rev. ed./Ed. rev. et corr. Can. Manuscr. Rep. Fish. Aquat. Sci. Rapp. manus. can. sci. halieut. aquat. 2173: i+39p.

Le présent ouvrage contient une liste des travaux scientifiques et techniques publiés par les scientifiques de la Région du golfe, Direction des sciences, comprenant à la fois des rapports et des tirés à part qui ont parus dans des revues et des livres.

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INTRODUCTION

This report has been prepared to provide a list of the sponsored publications of the staff of the Science Branch of the Gulf Region.

This report covers publications produced by the staff between 1982 - 1991.

FORMAT

The Gulf region's sponsored publications are recorded under the following format: primary and secondary, on the basis of the following criteria.

PRIMARY - Formally refereed published articles that normally appear in recognized primary scientific journals; scientific monographs e.g. books, CJFAS special publication series and refereed symposium proceedings.

SECONDARY - Published scientific and technical reports of agencies such as CAFSAC, NAFO reports, DFO fisheries and aquatic sciences series; book reviews in recognised scientific journals.

Excluded are working papers, unpublished contract reports and published abstracts.

A complete description of primary and secondary publications is contained in Appendix A and a description of sponsored publications contained in Appendix B.

The bibliographic citations are in accordance with the recommendations of the Canadian Journal of Fisheries and Aquatic Sciences. (Appendix C)

Le présent rapport contient une liste des publications patronnées du personnel de la Direction des sciences de la Région du Golfe.

Le présent rapport énumère les publications du personnel parues entre 1982 - 1991.

FORMAT

Les publications patronnées de la région du golfe sont classées selon le format suivant: primaire et secondaire en se basant sur les critères qui suivent:

PRIMAIRE - Articles formellement arbitrés normalement publiés dans les revues scientifiques; les monographies scientifiques; les publications spéciales du MPO et les comptes rendus arbitrés des symposium.

SECONDAIRE - Les rapports scientifiques et techniques des organismes tels: CSCPCA, NAFO et les collections des sciences halieutiques et aquatiques du MPO; les recensions de livres dans les revues scientifiques.

Sont exclus les documents de travail, les rapports de contrat non publiés et les résumés publiés.

Une description de publication primaire et secondaire se trouve en Annexe A, et une définition de publication patronnée en Annexe B.

Les références bibliographiques sont conformes aux recommandations publiées dans le Journal canadien des sciences halieutiques et aquatiques. (Annexe C)

LIST OF DFO SPONSORED PUBLICATIONS
SCIENCE BRANCH - GULF REGION

LISTE DES PUBLICATIONS SUBVENTIONNÉES PAR LE MPO
DIRECTION DES SCIENCES - RÉGION DU GOLFE

1982-1991

1982

SECONDARY PUBLICATIONS SECONDAIRES

Alexander, D.R. and P. Galbraith. 1982. A plan to reestablish a natural population of Atlantic salmon in the Point Wolf River, Fundy National Park. Can. MS Rep. Fish. Aquat. Sci. 1667: 8p.

Chadwick, E.M.P. 1982. 1SW Atlantic salmon harvests predicted one year in advance. ICES C.M. 1982/M:20: 10p.

Chadwick, E.M.P. 1982. Recreational catch as an index of Atlantic salmon spawning escapement. ICES C.M. 1982/M:43: 5p.

Conan, G.Y., D.G. Robinson and D.R. Maynard. 1982. Growth at molt of lobsters in two areas of Northumberland Strait, Canada. ICES C.M. 1982/K:35: 19p.

Cormier, R.J. 1982. Fishing trends on the Gulf of St. Lawrence and eastern Scotian shelf of the Maritime shrimp fishery for 1981 and shrimp biomass review for eastern Scotian shelf. CAFSAC Res. Doc. 83/48: 19p.

Marshall, T.L., J.L. Peppar and E.J. Schofield. 1982. Prediction of 2-SW and older Atlantic salmon returning to the Millbank trap, Miramichi River, N.B. CAFSAC Res. Doc. 82/51: 10p.

Peppar, J.L. 1982. Atlantic salmon smolt investigations, Restigouche River system, New Brunswick. Can. MS Rep. Fish. Aquat. Sci. 1641: 15p.

Schofield, E.J. and J.L Peppar. 1982. Some biological statistics on Atlantic salmon from the Miramichi River system, New Brunswick. Can. Data Rep. Fish. Aquat. Sci. 322: 13p.

Shotton, R. and R.G. Randall. 1982. Results of acoustic surveys of the southwest Nova Scotia (NAFO Division 4WX) herring stock during February and July , 1981. CAFSAC Res. Doc. 82/44: 29p.

1983

PRIMARY PUBLICATIONS PRIMAIRES

Moriyasu, M. 1983. La pêche du homard, (Homarus americanus), au Canada. La mer 21: 225-230.

SECONDARY PUBLICATIONS SECONDAIRES

Alexander, D.R. and A.H. Vromans. 1983. Status of the Miramichi River estuary gaspereau fishery (1982). CAFSAC Res. Doc. 83/37: 40p.

Bailey, R. et R. Cormier. 1983. Evaluation du stock de crabe des neiges exploité par le Nouveau-Brunswick dans le sud-ouest du Golfe Saint-Laurent. CAFSAC Res. Doc. 83/54: 45p.

Bailey, R. and R. Cormier. 1983. Review of snow crab resources in western Cape Breton (area 1 and 7) for 1982. CAFSAC Res. Doc. 83/55: 16 p.

Bailey, R. et R. Cormier. 1983. Revue du stock de crabe des neiges exploité par le Nouveau-Brunswick en 1983 dans le sud-ouest du Golfe Saint-Laurent. CAFSAC Res. Doc. 83/79: 34p.

Chadwick, E.M.P. and R.G. Randall. 1983. Assessment of the Restigouche River salmon stock in 1982. CAFSAC Res. Doc. 83/30: 20p.

Chadwick, E.M.P. and G.T. Evans. 1983. Influence of variations in freshwater growth on yield of Atlantic salmon. CAFSAC Res. Doc. 83/85: 8p.

Chadwick, E.M.P. 1983. Prediction of ISW Atlantic salmon returns statistical area N, 1984. CAFSAC Res. Doc. 83/84: 8p.

Clay, D. and G. Nielsen. 1983. American plaice (Hippoglossoides platessoides F.) stock update for NAFO Division 4T in 1982. CAFSAC Res. Doc. 83/84: 16p.

Clay, D. and G. Nielsen. 1983. Flatfish statistics in the Gulf of St. Lawrence, with a review of 4T white hake. CAFSAC Res. Doc. 83/75: 15p.

Conan, G.Y. and D.R. Maynard. 1983. An aerial survey of fishing effort in the lobster fishery of northern Northumberland Strait. CAFSAC Res. Doc. 83/28: 15p.

Conan, G.Y. and D.R. Maynard. 1983. Aerial survey of spatial distribution of effort in lobster fishery of southern Gulf of St. Lawrence. ICES C.M. 1983/K:13: 13p.

Davidson, K.A., R.W. Elner and J.C. Roff. 1983. Discrimination of Atlantic snow crab, (Chionoecetes opilio), populations: a problem of management application. NAFO SCR Doc. 82/IX/86: 13p.

Ferdinand, H.T.I., J. Hunt, J. Moller Jensen, K. Kosswig, J.V. Magnusson and P. Rubec. 1983. Report of the redfish (S. mentella, S. marinus) ageing workshop. ICES C.M. 1983/G:2: 2p.

Hurlbut, T. and J.J. Maguire. 1983. Preliminary analysis of the Canadian Atlantic bluefin tuna fishery during 1983. ICCAT SCRS/83/61: 9p.

Maguire, J.J., J.-P. Lussuiaa-Bedou and P. Rubec. 1983. The 1982 stock status and 1983-84 yield projections for 4RST redfish. CAFSAC Res. Doc. 83/50: 39p.

Maguire, J.J., D. Lever and L. Waite. 1983. Assessment of cod in NAFO division 4T and subdivision 4Vn (Jan.-Apr.) for 1983. CAFSAC Res. Doc. 83/51: 38p.

Maguire, J.J. and T.R. Hurlbut. 1983. Bluefin tuna sex proportion at length in the Canadian samples 1974-1983. ICCAT SCRS/83/84: 11p.

Messieh, S. 1983. Fisheries in the UEA: present status and future outlook. FAO. ROME. RAB/80/01514: 62p.

Messieh, S., R. Pottle, P. MacPherson and T. Hurlbut. 1983. Herring spawning bed survey in Miramichi Bay, N.B. in spring 1983. CAFSAC Res. Doc. 83/70: 21p.

Moriyasu, M. 1983. Biologie et pêche des octopodes I. Analyse des statistiques des pêches des octopodes en Méditerranée française. La Pêche Maritime 1264: 382-387.

Moriyasu, M. 1983. Biologie et pêche des Octopodes II. L'expédition des octopodes au Japon. La Pêche Maritime 1265: 452-457.

Moriyasu, M. 1983. Détermination des stades de maturation sexuelle des males d'Eledone cirrhosa LAM. du golfe du Lion. Rapp. Comm. Mer Médit. 28: 283-284.

Peppar, J.L. 1983. Adult Atlantic salmon (Salmo salar) investigations, Restigouche River system, New Brunswick, 1972-80. Can. MS Rep. Fish. Aquat. Sci. 1695: 33p.

Peppar, J.L. 1983. Adult Atlantic salmon stocks in statistical areas K and L, western Newfoundland, 1983. CAFSAC Res. Doc. 84/19: 36p.

Pickard, R.P. 1983. Ages of adult Atlantic salmon, sampled from various Restigouche River sources, 1972-81. Can. Data Rep. Fish. Aquat. Sci. 420: 25p.

Pickard, R.P. and J.L. Peppar. 1983. Ages of adult Atlantic salmon samples from the Dalhousie trap, Restigouche River system, 1972-80. Can. Data Rep. Fish. Aquat. Sci. 393: 11p.

Pickard, R.P., R.S. Blair and J.L. Peppar. 1983. Habitat spot-check surveys, Restigouche River system, 1981. Can. Data Rep. Fish. Aquat. Sci. 378: 25p.

Porter, T.R. and E.M.P. Chadwick. 1983. Assessment of Atlantic salmon stocks in statistical areas K and L, western Newfoundland, 1982. CAFSAC Res. Doc. 83/87: 86p.

Randall, R.G. and E.M.P. Chadwick. 1983. Assessment of the Miramichi River salmon stock in 1982. CAFSAC Res. Doc. 83/21: 24p.

Randall, R.G. and E.J. Schofield. 1983. Biological assessment of Atlantic salmon in the Miramichi River, N.B. CAFSAC Res. Doc. 83/83: 18p.

Randall, R.G. and P.R. Pickard. 1983. Biological assessment of Atlantic salmon in the Restigouche River. CAFSAC Res. Doc. 83/88: 18p.

Schofield, E.J. and J.L. Peppar. 1983. Habitat spot-check surveys Miramichi River system, 1980. Can. Data Rep. Fish. Aquat. Sci. 377: 17p.

Schofield, E.J., G. Stahl, E.J. Loudenslager and R.L. Saunders. 1983. Electrophoretic study on Atlantic salmon populations from the Miramichi River system, Canada. ICES C.M. 1983/M: 20: 14p.

Townshend, R.E. and J.M. Worms. 1983. Introduction of a new pectinid species Argopecten irradians to the Gulf of St. Lawrence, Canada. ICES C.M. 1983/K:44: 13p.

Worms, J.M. and G.A. Chouinard. 1983. Status of southern Gulf of St. Lawrence scallop stocks-1982. CAFSAC Res. Doc. 83/68: 52p.

1984

PRIMARY PUBLICATIONS PRIMAIRES

Davidson, K.A., J.C. Roff and R.W. Elner. 1984. Morphological, electrophoretic and fecundity characteristics of Atlantic snow crab, (Chionoecetes opilio), and implications for fisheries management. Can. J. Fish. Aquat. Sci. 42: 474-482.

Evans, G.T., J.C. Rice and E.M.P. Chadwick. 1984. Patterns in growth and smolting of Atlantic salmon (Salmo salar) parr in a southwestern Newfoundland river. Can. J. Fish. Aquat. Sci. 42: 539-543.

Genot, G.Y. Conan, L. Barthelemy and C. Peyraud. 1984. Effects of 5HT Serotonin on spontaneous locomotor activity of eels. Comparative Biochemistry and Physiology 79C, 1: 189-192.

Messieh, S., Y. deLafontaine, M.I. El-Sabh, M. Sinclair et J.-D. Lambert. 1984. Structure océanographique et distribution spatio-temporelle d'oeufs et de larves de poissons dans l'estuaire maritime et la partie ouest du Golfe Saint-Laurent. Sciences et Techniques de L'eau. 14: 43-49.

Randall, R.G. 1984. First record of a pink salmon (Oncorynchus gorbushcha) in the Miramichi River, New Brunswick. Naturaliste Can. 111: 455-457.

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Ahrens, M. and G. Nielsen. 1984. An assessment of the 4T herring stock. CAFSAC Res. Doc. 84/64: 35p.

Alexander, D.R. and A.H. Vromans. 1984. Status of the Miramichi River estuary gaspereau fishery (1983). CAFSAC Res. Doc. 84/23: 23p.

Alexander, D.R. 1984. Status of the Margaree River gaspereau fishery (1983). CAFSAC Res. Doc. 84/17: 19p.

Chadwick, E.M.P., C. Léger and D. Brazeau-Carrier. 1984. Harvest at selected sport camps an index of river escapement on Restigouche River. CAFSAC Res. Doc. 84/85: 10p.

Chouinard, G.A. 1984. Growth of sea scallop (Placopecten magellanicus) on the Tormentine bed, Northumberland Strait. CAFSAC Res. Doc. 84/61: 16p.

Clay, D., T. Hurlbut and L. Currie. 1984. Biological studies on bluefin tuna (Thunnus thynnus L.) in Canadian waters during 1982 and 1983, with a preliminary look at some 1984 statistics. ICCAT SCRS/84/45: 14p.

Clay, D. and L. Currie. 1984. Food and feeding of silver hake (Merluccius bilinearis Mitchill), on the Scotian shelf with special reference to cannibalism. NAFO SCR Doc. 84/VI/86. Serial N876: 26p.

Clay, D., T. Hurlbut and L. Currie. 1984. Interspecific relationship between silver hake (Merluccius bilinearis) and haddock (Melanogrammus aeglefinus) on the Scotian shelf. CAFSAC Res. Doc. 84/22: 8p.

Clay, D., G.A. Chouinard, T. Hurlbut and L. Currie. 1984. Stock report for American plaice (Hippoglossoides platessoides) (Fabricius) and other flatfishes in the Gulf of St. Lawrence. Including a discussion of discard levels and mesh selectivity of plaice. CAFSAC Res. Doc. 84/76: 30p.

Clay, D., T. Hurlbut and L. Currie. 1984. White hake (Urophycistenius Mitchill) status during 1983 in the southern Gulf of St. Lawrence. CAFSAC Res. Doc. 84/82: 9p.

Conan, G.Y. et al. 1984. Diving and underwater television observations on Nephrops norvegicus in Bantry Bay, Ireland. ICES C.M. 1984/K:48: 12p.

Conan, G.Y. 1984. Do assumptions commonly used for modelling populations of finfish apply to shellfish species? ICES C.M. 1984/K:48: 12p.

Conan, G.Y., D. Buestel, Y. Guennegan and J.P. Hillis. 1984. Monitoring the forageing activity of lobsters and associated species by underwater television. ICES C.M. 1984/K:45: 13p.

Conan, G.Y. et D.R. Maynard. 1984. Reconnaissance aérienne de l'effort de pêche pour la pêcherie de homard dans la partie nord du Détroit de Northumberland. Variations annuelles et variations saisonnières de la distribution spaciale de l'effort de pêche. Essai d'évaluation de l'effort déployé. ICES C.M. 1984/K:46: 16p .

Conan, G.Y., D.R. Maynard and Y.J. Chiasson. 1984. Recapture rates for lobsters first captured by trapping vs diving. Shellfish Committee C.M. 1984/K:43: 18p. and CAFSAC Res. Doc. 84/97: 18p.

Conan, G.Y., D.R. Maynard and R. Cormier. 1984. Preliminary density estimates of snow crab, (Chionoecetes opilio), by underwater television. CAFSAC Res. Doc. 84/98: 16p. and Shellfish Committee, ICES C.M. 1984/K44: 16p.

Cormier, R.J. 1984. A preliminary analysis of the New Brunswick snow crab (Chionocetes opilio) fishery in the southwestern part of the Gulf of Saint Lawrence. CAFSAC Res. Doc. 84/83: 10p.

Cormier, R.J. and R. Bailey. 1984. Review of the Cape Breton area 7 snow crab (Chionoecetes opilio) fishery. CAFSAC Res. Doc. 84/35: 18p.

Gray, R.W. and E.M.P. Chadwick. 1984. Assessment of Margaree River salmon stocks in 1983. CAFSAC Res. Doc. 84/36: 12p.

Gray, R.W. and R.E. Cutting. 1984. Assessment of the status of the Atlantic salmon of the LaHave River, Nova Scotia. CAFSAC Res. Doc. 84/40: 44p.

Hurlbut, T., D. Clay and L. Currie. 1984. Age of bluefin tuna (Thunnus thynnus L.) in Canadian waters. ICCAT SCRS/84/46: 9p.

Kosswig, K. and P. Rubec. 1984. Report of the workshop on ageing of redfish. ICES C.M. 1984/G:2: 10p.

Landry,T. 1984. Parasites de l'alose d'été, Alosa aestvalis (Mitchill, 1815) et du gaspareau, Alosa pseudoharengus (Wilson 1811) de la rivière Miramichi, Nouveau-Brunswick. Thèse de Maitrise. Moncton, Univesité de Moncton.

Lever, D. and L. Waite. 1984. Assessment of cod in NAFO Division 4T and subdivision 4Vn (Jan-Apr) for 1984. CAFSAC Res. Doc. 84/52: 26p.

Lutzac, T. 1984. Assessment of the Nepisiguit River salmon stock in 1983. CAFSAC Res. Doc. 84/2: 16p.

Maynard, D R. and G.Y. Conan. 1984. Preliminary monitoring on short term movements for lobsters, (Homarus americanus), in the Bideford River, Prince Edward Island, using ultrasonic telemetry. CAFSAC Res. Doc. 84/99, ICES C.M. 1984/K:47.

Messieh, S.N., J.I. McMillan, R.N. O'Boyle and L. Cleary. 1984. Compilation of landing statistics of the southern Gulf of St. Lawrence herring (Clupea harengus) for 1967-1982. Can. Data Rep. Fish. Aquat. Sci. 468: 231p.

Messieh, S. 1984. Recent changes in fishing effort and catch rates of inshore herring fisheries in the southern Gulf of St. Lawrence. CAFSAC Res. Doc. 84/59: 34p.

Messieh, S. and C. MacDougall. 1984. Spawning groups of Atlantic herring in the southern Gulf of St. Lawrence. CAFSAC Res. Doc. 84/74: 28p.

Moriyasu, M. 1984. Length-weight relationship of lobster (Homarus americanus) in three areas of the northern Northumberland Strait. CAFSAC Res. Doc. 84/94: 12p.

Moriyasu, M. 1984. Molting season and growth at molt of lobsters in the Bideford river estuary, Prince Edward Island. CAFSAC Res. Doc. 84/92 and ICES C.M. 1984/K:41: 18p.

Moriyasu, M. 1984. La perte de pince chez le homard (Homarus americanus) de l'estuaire de la Rivière Bideford, Ile-du-Prince-Edouard. CSCPCA document de la recherche 84/93 et CIEM C.M. 1984/K:42: 21p.

O'Neil, S.F., M. Bernard and P.A. Gallop. 1984. 1983 Atlantic salmon commercial catch statistics, Maritime Provinces. Fisheries Research Branch, Scotia Fundy Region, Halifax: 73p.

O'Neil, S.F., M. Bernard and J. Singer. 1984. 1983 Atlantic salmon sport catch statistics, Maritime Provinces. Fisheries Research Branch, Scotia Fundy Region, Halifax.

Peppar, J.L. 1984. Assessment of Atlantic salmon stocks in statistical areas K and L, Western Newfoundland, 1983. CAFSAC Res. Doc. 84/19: 36p.

Pickard, P.R. and J.L. Peppar. 1984. Densities of freshwater fishes (non-Atlantic salmon), Restigouche River system, New Brunswick, 1979-1981. Can. Data Rep. Fish. Aquat. Sci. 434: 17p.

Pickard, P.R. and J.L. Peppar. 1984. Juvenile Atlantic salmon densities, Restigouche River system, New Brunswick, 1979-81. Can. Data Rep. Fish. Aquat. Sci. 433: 15p.

Randall, R.G. 1984. Number of salmon required for spawning in the Restigouche River, New Brunswick. CAFSAC Res. Doc. 84/16: 15p.

Randall, R.G. and E.J. Schofield. 1984. Biological assessment of Atlantic salmon in the Miramichi River, 1983. CAFSAC Res. Doc. 83/83: 18p.

Roff, J.C., K.G. Davidson, G. Pottle and M. Dadswell. 1984. A guide to the Marine Flora and Fauna of the Bay of Fundy and Scotian Shelf: Larval Decapoda: Brechyura. Can. Tech. Rep. Fish. Aqua. Sci. 1322: 57p.

Rubec, P.J., J. Wright and A. Boudreau. 1984. The 1983 stock status and 1984-85 yield projections for division 4RST redfish. CAFSAC Res. Doc. 84/80: 28p.

Rubec, P.J. and R. Jon Planck. 1984. The development of a portable fish measuring station for electronic data aquisition in the field. NAFO SCR Doc. 84/VI/89 No.N880: 11p.

Rubec,P.J. and K. Kossig. 1984. Report of the workshop on ageing of red fish. ICES C.M. 1984/G:2. Demersal Fish committee: 9p.

Worms, J.M. 1984. Scallop biomass and density estimates in the southern Gulf of St. Lawrence. CAFSAC Res. Doc. 84/90: 26p.

Worms, J.M. and G.A. Chouinard. 1984. Status of southern Gulf of St. Lawrence scallop stocks-1983. CAFSAC Res. Doc. 84/57: 48p.

1985

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APPENDIX A/ANNEXE A

CATEGORIES	DESCRIPTION	EXAMPLES
Primary	- original findings - first disclosure - syntheses - formally refereed - usually refereed - wide distribution - abstracted	- journal series - special proceedings - critical reviews - all books and book chapters - CJFAS perspectives - DFO bulletins - DFO special publications
Secondary	- not usually refereed externally - produced locally - limited distribution	- Technical reports - Data reports - Industry reports - Manuscript report - Contract reports - ICES reports - CAFSAC research document - INPFC documents - NAFO SCR documents - workshop reports - Thesis

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CATEGORIE	DESCRIPTION	EXEMPLES
Primaire	- découvertes originales - primeur scientifique - arbitré officiellement - arbitré ordinairement - grande distribution - indexé	- articles de revue - comptes rendus spéciaux - monographie - chapitre de monographie - perpectives JCSHA - bulletin du MPO - publications spéciales du MPO
Secondaire	- non arbitrée officiellement - publiée localement - distribution limitée	- Rapports techniques - Rapports de données - Rapports à l'industrie - Rapports de contrat - Rapports de l'ICES - Documents de CSPCA - Documents de l'INPFC - Documents de NAFO - Rapports d'atelier - Thèses

APPENDIX B/ANNEXE B

GULF REGION SPONSORED PUBLICATIONS

Gulf Region Science Branch sponsored publications means the work is supported by the region. This includes work done by staff, joint research with other agencies, and publications by consultants as long as the work was sponsored by Fisheries and Oceans. The list does not include publications of work done by staff before they joined Fisheries and Oceans unless such work was in fact sponsored by Gulf Region Science Branch.

PUBLICATIONS PATRONNEES DE LA REGION DU GOLFE

Une publication patronnée par la Direction des sciences de la Région du Golfe est le résultat d'un travail supporté par la région. Sont inclus dans cette définition, les travaux du personnel, les recherches faites conjointement avec d'autres organismes et les publications préparées par des consultants en autant que le travail est patronné par Pêches et Océans. La liste n'inclut pas les publications du personnel avant leur embauche par le Ministère des pêches et des océans, à moins que ces publications aient été supportées par la Direction des sciences de la Région du Golfe.

APPENDIX C/ANNEXE C

Bibliographic citations for the Gulf Region's sponsored publications

The following bibliographic citations illustrate the punctuation, style, and abbreviations (according to Serial Sources for the BIOSIS Data Base) for references.

Journal article
Peterman, R.M. 1982. Model of salmon age structure and its use in preseason forecasting and studies of marine survival. Can. J. Fish. Aquat. Sci. 39: 1444-1452

Entire issue of journal
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Book in a series
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